



GB 23790-2023

National Food Safety Standard Good Manufacturing Practice for Formula for Infants and Young Children

食品安全国家标准 婴幼儿配方食品良好生产规范

National Health Commission of the People's
Republic of China
State Administration for Market Regulation

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National Standard of the People's Republic of China

GB 23790-2023
In Replacement of GB 23790-2010

National Food Safety Standard

Good Manufacturing Practice for Formula for Infants and Young Children

食品安全国家标准

婴幼儿配方食品良好生产规范

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Foreword

This standard replaces GB 23790-2010 "National Food Safety Standard Good Manufacturing Practice for Powdered Formulae for Infants and Young Children". Compared with GB 23790-2010, the main changes of this standard are as follows:

——Deleted the terms and definitions of "clean working area", "quasi-clean working area" and "general working area";

——Changed the dynamic standard control requirements for clean working area in the production of powdered formulae for infants and young children, and added dynamic standard control requirements for clean working area in the production of liquid formulae for infants and young children;

——Changed "Enterobacter sakazakii" to "Cronobacter (Enterobacter sakazakii)";

——Added technical requirements for sterilization equipment;

——Added technical requirements for the production of liquid formulae for infants and young children;

——Added "Liquid formulae for infants and young children should be subjected to commercial sterility testing in accordance with GB 4789.26";

——Added training requirements for sterilization operators, liquid product filling and sealing operators, and cleaning and disinfection personnel.

National Food Safety Standard

Good Manufacturing Practice for Formula for Infants and Young Children

1 Scope

This standard specifies the basic requirements and management criteria for the sites, facilities and personnel involved in raw material procurement, processing, packaging, storage and transportation during the production of formulae for infants and young children.

This standard applies to the production of formulae for infants and young children foods with milk and/or soybeans and their processed products as the main protein source.

2 Terms and definitions

The terms and definitions defined in GB 14881, GB 10765, GB 10766 and GB 10767 apply to this standard.

2.1 Wet (production) technique

The production technique of processing the ingredients of powdered formulae for infants and young children in a liquid state to make the final product. The technique usually includes ingredients, heat treatment, concentration, drying, packaging (filling) and other steps.

2.2 Dry (production) technique

The production technique of physically mixing the ingredients of powdered formulae for infants and young children in a solid state to make the final product. The technique usually includes steps such as batching, mixing (including pre-mixing), and packaging (filling).

2.3 Dry-wet composite (production) technique

A complete production technique in which some ingredients of powdered formulae for infants and young children are processed in a liquid state, dried, and then another part of solid ingredients are added using dry technique, and then packaged (filled) to make the final product.



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